

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

10/30/2000 STEFFER 00000004 140116 09696527

| | |
|-----------|-----------|
| 01 FC:101 | 710.00 CH |
| 02 FC:103 | 180.00 CH |

PTO-1556
(5/87)

10-24-00
Practitioner's Docket No. 16220-1



PATENT

Preliminary Classification:
Proposed Class:
Subclass:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Ji (nmi) SU; Joycelyn S. HARRISON

For (title): MEMBRANE TENSION CONTROL

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) AND 1.10*
(When using Express Mail, the Express Mail label number is **mandatory**;
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☐ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. Section 1.8(a)

37 C.F.R. Section 1.10*

- ☐ with sufficient postage as first class mail.

☒ as "Express Mail Post Office to Address"
Mailing Label No. EK161582130
(mandatory)

TRANSMISSION

- ☐ transmitted by facsimile to the Patent and Trademark Office (703) _____.

Date: OCT. 23, 2000

Robin W. Edwards
Signature

ROBIN W. EDWARDS

(type or print name of person certifying)

***WARNING:** Each paper or fee filed by "Express Mail" **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. Section 1.10(b).
"Since the filing of correspondence under [Section] 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(New Application Transmittal--page 1 of 4)

1. Type of Application

This transmittal is for an original (nonprovisional) application.

2. Papers Enclosed

A. Required for filing date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design) Application

5 Page(s) of Specification

5 Page(s) of Claims

3 Sheet(s) of Drawing(s)--Informal

B. Other Papers Enclosed

2 Page(s) of declaration and power of attorney--inventors unavailable for signature

1 Page(s) of Return Postal Card

3. Declaration or Oath

Enclosed

Unexecuted by:

* inventors.

4. Inventorship Statement

The inventorship for all the claims in this application is the same.

5. Language

English

6. Assignment

An assignment of the invention to Administrator, National Aeronautics and Space will follow.

7. **Fee Calculation (37 C.F.R. Section 1.16)**

Regular Application

| CLAIMS AS FILED | | | | | |
|--|--------------|---------------------|--------------|----------|--------------------------------------|
| Claims | Number Filed | Basic Fee Allowance | Number Extra | Rate | Basic Fee 37 CFR 1.16(a) \$710.00 |
| Total Claims (37 CFR 1.16(c)) | 30 | - 20 = | 10 x | \$18.00 | \$180.00 |
| Independent Claims (37 CFR 1.16(b)) | 2 | - 3 = | 0 x | \$80.00 | \$0.00 |
| Multiple Dependent Claim(s), if any (37 CFR 1.16(d)) | | | + | \$270.00 | \$0.00 |

Filing Fee Calculation \$890.00

8. **Fee Payment Being Made at This Time**

Enclosed
Filing Fee \$890.00

Total Fees Enclosed \$890.00

9. **Method of Payment of Fees**

Charge Account No. 14-0116 in the amount of \$890.00.
A duplicate of this transmittal is attached.

10. **Authorization to Charge Additional Fees**

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 14-0116.

37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)
37 C.F.R. Section 1.16(b), (c) or (d) (presentation of extra claims)
37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to SECTION 1.136(a))
37 C.F.R. Section 1.17 (application processing fees)
37 C.F.R. Section 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to
37 C.F.R. Section 1.311(b))

11. Instructions as to Overpayment

Credit Account No. 14-0116.

12. Relate Back

Amend the specification by inserting, before the first line, the following sentence:
N/A

13. Maintenance of Copendency of Prior Application

A. Conditional Petition for Extension of Time in Prior Application
A conditional petition for extension of time is being filed in the pending **prior** application.
N/A

14. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

Date: OCT. 23, 2000

Robin W. Edwards

Robin W. EDWARDS
Registration No. 39,179
NASA Langley Research Center
3 Langley Boulevard
Mail Stop 212
Hampton, VA 23681-2199
757-864-3230
Customer No. 23351

Practitioner's Docket No. LAR 16220-1



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: SU, Ji (nmi); HARRISON, Joycelyn S.

Application No.:

Group No.:

Filed:

Examiner:

For: MEMBRANE TENSION CONTROL

Assistant Commissioner for Patents
Washington, D.C. 20231



EXPRESS MAIL CERTIFICATE

"Express Mail" label number EK161582130

Date of Deposit 10/23/2000

I hereby state that the following *attached* paper or fee

NEW UTILITY PATENT APPLICATION

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. section 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

ROBIN W. EDWARDS

Robin W. Edwards

Signature of person mailing paper or fee

Return Postal Card
Org & 1 transmittal form
Specification, Claims, Abstract - 11 pgs
Declaration (NASA Form 1538)
3 sheets INFORMAL drawings